

- 2 -

Appl. No. 09/942,919
Cox et al.

application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments

In The Claims:

Claim 69 is canceled without prejudice or disclaimer.

Claims 24, 27, 28, 60, 63, 68, 71, 73 and 74 are amended to read as follows:

24. (Twice Amended) An endoluminal prosthesis for use in a human body comprising a radially expandable tubular frame, the frame including a plurality of self expandable loops and a plurality of plastically deformable connector elements extending between adjacent loops that allow the tubular frame to plastically conform to a body lumen.

27. (Twice Amended) The endoluminal prosthesis as in claim 24, wherein adjacent self expandable loops are axially separated, and wherein the connector elements comprise serpentine structures that extend axially between the adjacent self expandable loops.

28. (Twice Amended) The endoluminal prosthesis as in claim 24, wherein the self expandable loops comprise ring-frames.

- 3 -

Appl. No. 09/942,919
Cox et al.

C3 60. (Amended) The endoluminal prosthesis as in claim 24, wherein the connector elements and the self expandable loops are made of materials with different expansion characteristics.

C4 63. (Amended) The endoluminal prosthesis as in claim 24, wherein the connector elements are more malleable than the self expandable loops.

C5 68. (Amended) An endoluminal prosthesis for use in a human body comprising:
a plurality of self expandable ring-frames; and
a plurality of connector elements extending between adjacent self expandable ring-frames that allow the endoluminal prosthesis to conform to a body lumen,
wherein the self expandable ring-frames and the connector elements form an expandable tubular frame having regions formed of materials having different malleability.

C6 71. (Amended) The endoluminal prosthesis as in claim 68, wherein the connector elements and the self expandable ring-frames are made of materials with different expansion characteristics.

C7 73. (Amended) The endoluminal prosthesis as in claim 68, wherein the connector elements are plastically deformable.

74. (Amended) The endoluminal prosthesis as in claim 68, wherein the connector elements are more malleable than the expandable ring-frames.